200000038

THUR DAINHERD SHAMES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Pioneer Hi-Bred International, Inc.

There is there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE GHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR PRING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT DESCRIPTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'97B62'

In Testimony Mexest, I have hereunto set my hand and caused the seal of the Flunt Insistive Frontection Office to be affixed at the City of Washington, D.C. this twenty-third day of March, in the year of our Lord two thousand one.

Attest:

alan Host

Acting Commissioner Plant Variety Protection Office Agricultural Marketing Service 2 L'Agriculture

REPRODUCE LOCALLY. Include form number and date on all	reproductions.	1	FORM APPROVED - OMB NO. 0581-0055
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE DIVISION - PLANT VARIETY PROTECTION (DEELOE	The following statements are n 1974 (5 U.S.C. 552a).	nade in accordance with the Privacy Act of
APPLICATION FOR PLANT VARIETY PROTECTION (Instructions and information collection burden statement)	N CERTIFICATE		r to determine if a plant variety protection S.C. 2421). Information is held confidential S.C. 2426).
NAME OF APPLICANT(S) (as it is to appear on the Certificate)		2. EXPERIMENTAL NUMBER	3. VARIETY NAME
Pioneer Hi-Bred International, Inc.		:	97B62
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and C	Country)	5. TELEPHONE (include area code	FOR OFFICIAL USE ONLY
7300 NW 62nd Ave		515-270-3582	2000000
P.O. Box 1004		6. FAX (include area code)	F DATE
Johnston, Iowa 50131-1004		515-253-2288	L 40/14/99
7. GENUS AND SPECIES NAME	8, FAMILY NAME	(Botanical)	G / / FILING AND EXAMINATION FEE:
Glycine max L.	Legu	minosae	F 3 2450
9. CROP KIND NAME (Common name)			S DATE OF JUST 166
Soybean			
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANI Corporation	ZATION (corporation, par	rtnership, association, etc.) (Common name)	C CERTIFICATION FEE
11. IF INCORPORATED, GIVE STATE OF INCORPORATION		12. DATE OF INCORPORATION	DATE
lowa		May 6, 1926	2 (60)
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO S	BERVE IN THIS APPLIC	TATION AND RECEIVE ALL PAPERS	14. TELEPHONE (include area code)
Or. Paria Schmidt John Grace 7300 NW 62nd Ave.	Jean Bro	omert (Copy)	254-2638 515- 270-3582
7300 NW 62nd Ave. 2127/200.	7100 NV	W 62nd Ave.	15. FAX (include area code)
P.O. Box 1004	P.O. Box		· · · · · · · · · · · · · · · · · · ·
Johnston, Iowa 50131-1004	Johnstor	ı, Iowa 50131-1000	515-253-2288
16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Folia	ow instructions on rev	erse)	
a. Exhibit A. Origin and Breeding History of the Variety b. Exhibit B. Statement of Distinctness			
c. 🗸 Exhibit C. Objective Description of the Variety			
d. 🗹 Exhibit D. Additional Description of the Variety			
e, 🗹 Exhibit E. Statement of the Basis of the Applicant's Ownership			
f. Voucher Sample (2,600 viable untreated seeds or, for tuber prog. g. Filing and Examination Fee (\$2450), made payable to "Treasure		ication that tissue culture will be deposited an (Mail to PVPO)	d maintained in a public repository)
17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD			ction 83(a) of the Plant Variety Protection Act)?
YES If "yes," answer items 18 and 19 below) 18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITE		'If "no," go to item (20)	S OF PRODUCTION BEYOND BREEDER SEED?
GENERATIONS?	ED AO TO NOMEDEICO		STERED CERTIFIED
20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN I	RELEASED, USED, OF	FERED FOR SALE, OR MARKETED IN THE U.S	. OR OTHER COUNTRIES?
YES (If "yes," give names of countries and dates)	₩ NO		
21. The applicant(s) declare that a viable sample of basic seed of the variety applicable, or for a tuber propagated variety a tissue culture will be depo			
The undersigned applicant(s) is(are) the owner(s) of this sexually reprodu	uced or tuber propaga	ted plant variety. and believels) that the variet	
Section 41, and is entitled to protection under the provisions of Section 4 Applicant(s) is(are) informed that false representation herein can jeopard	•		
SIGNATURE OF APPLICANT (Querts))	· · · · · · · · · · · · · · · · · · ·	IGNATURE OF APPLICANT (Owner(s))	
Dolan han FI		IONATORE OF ATTEORET (Owner, sy)	
Name (flease print or type)	<u> </u>	Name (Please print or type)	
D. John Grace III			
CAPACITY OR TITLE DATE	/ /aa c	APACITY OR TITLE	DATE
Soybean Research Coordinator /0/	5/49		
SD-470 (04-95) (Previous editions are to be destroyed)	•	(See reverse for instructions	and information collection burden statement,

Exhibit A. Origin and Breeding History of the Variety

Soybean Variety 97B62

Variety 97B62 evolved from a 1991 cross of 9761/Hagood.

It is an F5-derived variety which was advanced to the F5 generation by modified single seed descent. The F6 progeny row of 97B62 was grown in the summer of 1994. Subsequently, 95B72 has undergone 3 years of extensive testing and purification and has been observed by the breeder to be uniform and stable for all plant traits from generation to generation, with no evidence of variants. On the basis of yield potential, and resistance to stem canker and southern rootknot, variety 97B62 was assigned a commercial number.

The purification block was grown during summer of 1996 in 50 R2 purification rows and 36 sublines were bulked for increase. 3 acres of 97B62 (breeders seed) were grown in the summer of 1997. 80 acres of parent seedstock (foundation seed equivalent) were grown in the summer of 1998 and 2800 bushels harvested.

Exhibit B. Statement of Distinctness

Soybean Variety 97B62

Variety 97B61is most similar to variety Hagood. Both varieties have white flowers, gray pubescence and yellow seed with buff hila. However, Hagood is significantly taller in height than 97B62.

PVP Application - Exhibit B - Soybean Variety 97862

Formula for Standard Error Calculations:

 $\sum (X1-X2)^2 - (\sum X1-X2)^2/n$

(n) (n-1)

SE diff = | -------

Table 1. T-test comparison of 97B62 versus Hagood for height in inches, 1997-98 2-year analysis.

08C 1 080C 2 081C 1 081C 2 081C 2 082B 1 MEAN	4
08C 080C 081C 081C 082B	3 9

1997 ANALYSIS	
Ave 97B62 =	33.00 seeds p
Ave Hagood =	39.40 seeds p
d = (Ave X1 - Ave X2)	-6.40
SE diff = SQRT of	2.260
SE diff =	1.503
t = d/SE diff =	4.257
of =	4
Prob > t =	0.0131 significa

	1997 Standard Error Calculation:		250 - ((-32) ² /5)	SE diff ₀ ,=	(5)(4)		98
oorno seeds ber bonud	39.40 seeds per pound	-6.40	2.260	1.503	4.257	4	0.0131 significant at <5% level
- 700	= poobi	e X1 - Ave X2)	= SQRT of		: diff =		

				•	<u>!!</u>			
		-9.0	•	38.1	MEAN			
Prob > t =	798	-72	377	302	SUN SUN		1998	
d d∈								
t = d/SE dif	324	-18		32	τ	082A	1998	
SE diff =	64	ထု		38	7	080C	1998	
SE diff = S(144	-12		36	τ-	080C	1998	
d = (Ave X	52	τĊ		43	•	083A	1998	
Ave Hagod	100	-19	48	38	-	082A	1998	
Ave 97B62	9	4		35	-	081A	1998	
1998 ANA	52	ιĊ		4	~	0800	1998	
	100	-10		42	_	079A	1998	
·	(X1-X2)²	X1-X2 (X1-X2) ²	97B62 (X1) Hagood (X2)height in inches	97B62 (X1) height	REP	700	YEAR	

ř	TOTAL	SUM MEAN 3	470 36.15 13 i	70 574 15 44.15 13 individuals	-104 -8.00	1048
	Each variety was observed in 4-row plots, 15 feet long. Height is measured in inches from the ground to the top pod.	observed in 4-ro	w plots nd to ti	s, 15 feet long. he top pod.	Height is	

1998 Standard Error Calculation: 798 - ((-72)^2/8) Y (8) (7)	Combined Standard Error Calculation: 1048 - ((104) ² /13)
38.13 seeds per pound 47.13 seeds per pound -9.00 2.679 1.637 5.499 8 0.0006 significant at <1% leve	36.15 seeds per pound 44.15 seeds per pound -8.00 1.38462 1.177 6.799 12
1998 ANALYSIS Ave 97B62 = Ave 97B62 = d = (Ave X1 - Ave X2) SE diff = SQRT of SE diff = t = d/SE diff = df = Prob > t =	COMBINED 1997-98 ANALYSIS Ave 97B62 = Ave Hagood = d = (Ave X1 - Ave X2) SE diff = SQRT of t = d/SE diff = df = Prob > t = 0.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SEED DIVISION - PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MARYLAND 20705

EXHIBIT C (Soybean)

OBJECTIVE DESCRIPTION OF VARIETY

	AN (Glycine max L.)	
NAME OF APPLICANT(S)	TEMPORARY DESIGNATION	VARIETY NAME
Pioneer Hi-Bred International, Inc.		97B62
ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code)		FOR OFFICIAL USE ONLY
7300 N.W. 62nd Ave., P.O. Box 1004		PVPO NUMBER
Johnston, IA 50131-1004		20000000
Choose the appropriate response which characterizes the variety in the the number of boxes provided, place a zero on the first box when number adequate soybean variety description. Other characters should be description.	ber is 9 or less (e.g., 👩 📗). Sta	rred characters 🛨 are considered fundamental to an
1. SEED SHAPE:		
2 L	W	
1 = Spherical (L/W, L/T, and T/W ratios = < 1.2) 2 = Spherica	al Flattened (L/W ratio > 1.2; L/T ratio = < 1.2)
3 = Elongate (L/T ratio > 1.2; T/W = < 1.2)	•	Flattened (L/T ratio > 1.2; T/W > 1.2)
★ 2. SEED COAT COLOR: (Mature Seed)		
1 = Yellow 2 = Green 3 = Brown	4 = Black 5 = Other (Sp	ecify)
3. SEED COAT LUSTER: (Mature Hand Shelled Seed)		
2 1 = Dull ('Corsoy 79'; 'Braxton')	2 = Shiny ('Nebsoy'; 'Ga	asoy 17')
★ 4. SEED SIZE: (Mature Seed)		
1 2 Grams per 100 seeds		
★ 5. HILUM COLOR: (Mature Seed)		
1 1 = Buff 2 = Yellow 3 = Brown 4 = Gray	5 = Imperfect Black 6 = B	lack 7 = Other (Specify)
★ 6. COTYLEDON COLOR: (Mature Seed)		
1 1 = Yellow 2 = Green		
★ 7. SEED PROTEIN PEROXIDASE ACTIVITY:		
1 1 = Low 2 = High		
★ 8. SEED PROTEIN ELECTROPHORETIC BAND:		,
1 = Type A (SP1 a) 2 = Type	B (SP1 b)	
★9. HYPOCOTYL COLOR:		
1 = Green only ('Evans'; 'Davis')	2 = Green with bron	ze band below cotyledons ('Woodworth'; 'Tracy')
3 = Light Purple below cotyledons ('Beeson';	'Pickett 71')	
4 = Dark Purple extending to unifoliate leave	s ('Hodgson'; 'Coker Hampton	266A')
★ 10. LEAFLET SHAPE:		
3 1 = Lanceolate 2 = Oval 3 = O	vate 4 = Other (Specif	fy)
FORM LMGS-470-57 (6-83) (Edition of 2-82 is obsolete.)		Page 1 of 4

Variety Name 97B62

	11. LEAFLET SIZE: 2	2 = Medium ('Corsoy 79'; 'Gasoy 17')	
	12. LEAF COLOR: 1 = Light Green ('Weber'; 'York') 3 = Dark Green ('Gnome'; 'Tracy')	2 = Medium Green ('Corsoy 79'; 'Braxton')	
*	13. FLOWER COLOR:		****
	1 1 = White 2 = Purple	3 = White with purple throat	
\star	14. POD COLOR:		
	1 1 = Tan 2 = Brown	3 = Black	-
*	15. PLANT PUBESCENCE COLOR:		
	1 1 = Gray 2 = Brown (Tawn)	/)	
	1 = Slender ('Essex'; 'Amsoy 71') 3 = Bushy ('Gnome'; 'Govan')	2 = Intermediate ('Amcor'; 'Braxton')	
*	17. PLANT HABIT:	The second secon	
	1 = Determinate ('Gnome'; 'Braxton') 3 = Indeterminate ('Nebsoy'; 'Improved	2 = Semi-Determinate ('Will') I Pelican')	
*	18. MATURITY GROUP:		
Ē	4 0		
L	1-000 2=00 3=0	$4 = I \qquad 5 = II \qquad 6 = III \qquad 7 = IV \qquad 8 = V$	
	9 = VI 10 = VII 11 = VIII	$12 = IX \qquad 13 = X$	
*	19. DISEASE REACTION: (Enter 0 = Not Tested; 1 =	Susceptible; 2 = Resistant)	
	BACTERIAL DISEASES:		
	* 2 Bacterial Pustule (Xanthomonas pha	seoli var. sojensis)	
	★ 1 Bacterial Blight (Pseudomonas glycin	ea)	
	★ 2 Wildfire (Pseudomonas tabaci)		
	FUNGAL DISEASES:		
	★ 1 Brown Spot (Septoria glycines)		
	Frogeye Leaf Spot (Cercospora sojina	а)	
	★ 0 Race 1 0 Race 2 0	Race 3 0 Race 4 0 Race 5 0 Other (Specify)	
	Target Spot (Corynespora cassiicola)		
	0 Downy Mildew (Peronospora trifoliorus	m var. manshurica)	
	Powdery Mildew (Microsphaera diffusa	,	
	★ 0 Brown Stem Rot (Cephalosporium gree	gatum)	
	Stem Canker (Diaporthe phaseolorum	var. caulivora)	

Variety Name 97B62

			- 		
1 9 .	DISE	EASES REACTION: (E	Enter 0 = Not Tested; 1 = Susceptible; 2	= Resistant) (Continued)	
	F	UNGAL DISEASES: (Co	ntinued)		
*	1	Pod and Stem Blight	(Diaporthe phaseolorum var; sojae)		
	1	Purple Seed Stain (0	Cercospora kikuchii)		
	1				
	L'	Rhizoctonia Root Rot	•		
		Phytophthora Rot (P	Phytophthora megasperma var. sojae)		
*	1	Race 1 0 Race	2 0 Race 3 0 Race 4 0	Race 5 0 Race 6	0 Race 7
	0	Race 8 0 Race	9 Other (Specify)		
	<u></u>	RAL DISEASES:	Cardi (opcony)		
	1	1			
	Ŀ	Bud Blight (Tobacco i	Ringspot Virus)		
	1	Yellow Mosaic (Bean	Yellow Mosaic Virus)		
*	1	Cowpea Mosaic (Cow	nga Chlorotic Virue)		
-	H	, ,	•		
		Pod Mottle (Bean Pod	Mottle Virus)		
*	2	Seed Mottle (Soybean	Mosaic Virus)		
	NE	EMATODE DISEASES:			
		Soybean Cyst Nemator	de (Heterodera glycines)		
*	0	Race 1 0 Race	2 0 Race 3 0 Race 4	Other (Specify)	
	П				
	<u> </u>	Lance Nematode (Hop	iolaimus Colombus)		
*	2	Southern Root Knot No	ematode (Meloidogyne incognita)		
.					
*		Northern Root Knot No	ematode <i>(Meloidogyne Hapla)</i>		
	0	Peanut Root Knot Nen	natode (Meloidogyne arenaria)		
	o	Desidence Nousehole //	Datislamah selisa manifa masia)		
		Reniform Nematode (F	Rotylenchulus reniformis)		
		OTHER DISEASE NOT	ON FORM (Specify)		
20. I	PHYS	IOLOGICAL RESPON	SES: (ENTER 0 = Not tested, 1 = Suscep	tible. 2 = Resistant)	
الد	0			,	
*		Iron Chlorosis on Calca	areois Soli		
		Other (Specify)			
- 1					
21. 1	NSE	CT REACTION: (ENTE	ER 0 = Not tested, 1 = Susceptible, 2 = Re	sistant)	
	1	Mexican Bean Beetle (Epilachna Varivestis)		
ĺ	2	Deteta i astile /m			
		Potato Leaf Hopper (En	npoasca tabae)		
		Other (Specify)			
22 1	חור אחור	ATE WHICH VARIETY	MOST CLOSELY RESEMBLES THAT SU	RMITTED	1 0 1110-1
					NAME OF VARIETY
		RACTER	NAME OF VARIETY 9831	CHARACTER	Hagood
	riant	Shape		Seed Coat Luster	<u> </u>
	Leaf S	Shape	9831	Seed Size	Hagood
	Leaf (Color	Hagood	Seed shape	97B61
	Leaf S	Size	Hagood	Seedling Pigmentation	Hagood

Variety Name 97B62

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIETY: Paired Comparison Data

VARIETY	NO. OF DAYS	PLANT LODGING	CM PLANT	LEAFL	ET SIZE	SEED CON	TENT	SEED SIZE	NO.
	MATURITY	SCORE	HEIGHT	CM Width	CM Length	% Protein	% Oil	G/100 SEED	SEEDS POD
Submitted 97B62	152.3	3.5	91			38.5	17.6	11.8	3
Name of Similar Variety 9831	154.3	3.1	90			37.8	18.5	12.7	3

PUBLICATIONS USEFUL AS REFERENCE AIDS FOR COMPLETING THIS FORM:

- 1. Caldwell, B.E., ed. 1973. Soybeans: Improvement, Production, and Uses. Amer. Soc. Agron. Monograph No. 16.
- 2. Buttery, B.R. and R.I. Buzzell. 1968. Peroxidase activity in seeds of soybean varieties. Crop Sci., 8: 722-725.
- 3. Hymowitz, T. 1973. Electrophoretic analysis of SBTI-A2 in the USDA soybean germplasm collection. Crop. Sci., 13: 420-421
- 4. Payne, R.C. and L.F. Morris. 1976. Differentiation of soybean cultivars by seedling pigmentation patterns. J. Seed Technol. 1:1-19

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Exhibit D. Additional Description of the Variety

Soybean Variety 97B62

In Exhibit C we have identified variety 97B62 as susceptible to bacterial blight, brown spot, pod and stem blight, purple seed stain, rhizoctonia root rot, bud blight, yellow mosaic, cowpea mosaic and pod mottle.

This does not mean that variety 97B62 is any worse for these problems than other varieties of similar maturity. Rather, we do not consider 97B62 to be immune to these problems. Therefore, we have chosen to be conservative and have identified the line as "susceptible".

If the maturity groups were divided into tenths, the relative maturity for 97B62 would be 7.6.

U.S. DEPARTMENT OF AGRICULTURE

The following statements are made in accordance with the Privacy Act of

AGRICULTURAL MARKETING SERVICE	1974 (5 U.S.C. 552a) and the Paperwork F	Reduction Act (PRA) of 1995.
EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to d certificate is to be issued (7 U.S.C. 2 until certificate is issued (7 U.S.C. 2	421). Information is held confidentia
. Name Of Applicant(s)	2. Temporary Designation Or Experimental Number	3. Variety Name
Pioneer Hi-Bred International, Inc.		97B62
. Address (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)	5. Telephone (include area code)	6. Fax (include area code)
7300 NW 62nd Ave	515-270-3582	5.15-253-2288
P.O. Box 1004	7. PVPO Number 2 0	00038
Johnston, Iowa 50131-1004	7.1 VI O Humber 2., G G	
. Does the applicant own all rights to the variety? Mark an "X" in appropriate	block. If no, Please explain.	✓ YES NO
l. Is the applicant (individual or company) a U.S. national or U.S. based compa If no, give name of country	any?	✓ YES □ NO
	any? f no, please answer <u>one</u> of the follow	
If no, give name of country 0. Is the applicant the original owner? YES NO 1	f no, please answer <u>one</u> of the follow	ing:
If no, give name of country	f no, please answer <u>one</u> of the follow , Is (are) the original owner(s) a U.S.	ing:
If no, give name of country 0. Is the applicant the original owner? ✓ YES □ NO If a. If original rights to variety were owned by individual(s) □ YES □ NO If no, give name of country	f no, please answer <u>one</u> of the follow , Is (are) the original owner(s) a U.S.	ing: national(s)?
If no, give name of country 0. Is the applicant the original owner? 2 YES 3 NO 15 4 YES 4 YES 5 Individual(s)	f no, please answer <u>one</u> of the follow , Is (are) the original owner(s) a U.S. , ies), is(are) the original owner(s) a U.	ing: national(s)?
If no, give name of country 0. Is the applicant the original owner? a. If original rights to variety were owned by individual(s) YES NO If no, give name of country b. If original rights to variety were owned by a company(i) YES NO If no, give name of country	f no, please answer <u>one</u> of the follow , Is (are) the original owner(s) a U.S. , les), is(are) the original owner(s) a U.	ing: national(s)?
If no, give name of country 0. Is the applicant the original owner? a. If original rights to variety were owned by individual(s) YES NO If no, give name of country b. If original rights to variety were owned by a company(i	f no, please answer <u>one</u> of the follow , Is (are) the original owner(s) a U.S. , les), is(are) the original owner(s) a U.	ing: national(s)?
If no, give name of country 0. Is the applicant the original owner? a. If original rights to variety were owned by individual(s) YES NO If no, give name of country b. If original rights to variety were owned by a company(i) YES NO If no, give name of country	f no, please answer <u>one</u> of the follow , Is (are) the original owner(s) a U.S. , les), is(are) the original owner(s) a U.	ing: national(s)?
If no, give name of country 0. Is the applicant the original owner? a. If original rights to variety were owned by individual(s) YES NO If no, give name of country b. If original rights to variety were owned by a company(i) YES NO If no, give name of country	f no, please answer <u>one</u> of the follow , Is (are) the original owner(s) a U.S. , les), is(are) the original owner(s) a U.	ing: national(s)?
If no, give name of country 0. Is the applicant the original owner? a. If original rights to variety were owned by individual(s) YES NO If no, give name of country b. If original rights to variety were owned by a company(i) YES NO If no, give name of country	f no, please answer <u>one</u> of the follow , Is (are) the original owner(s) a U.S. , les), is(are) the original owner(s) a U.	ing: national(s)?
If no, give name of country 0. Is the applicant the original owner? a. If original rights to variety were owned by individual(s) YES NO If no, give name of country b. If original rights to variety were owned by a company(i) YES NO If no, give name of country	f no, please answer <u>one</u> of the follow , Is (are) the original owner(s) a U.S. , les), is(are) the original owner(s) a U.	ing: national(s)?
If no, give name of country 0. Is the applicant the original owner? a. If original rights to variety were owned by individual(s) YES NO If no, give name of country b. If original rights to variety were owned by a company(i YES NO If no, give name of country 11. Additional explanation on ownership (If needed, use reverse for extra specific processes)	f no, please answer <u>one</u> of the follow I, Is (are) the original owner(s) a U.S. Jes), is(are) the original owner(s) a U.S. Dace):	ing: national(s)?

- 1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
- If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
- 3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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